

# **Canon Paleo Curriculum**

## **Unit 1: The Nature of Science**

### **Introduction to Unit 1**

Scientific Hypothesis  
Observation and Inference  
Qualitative and Quantitative

- 1. Three Hole Bottle Demo-** What is an Hypothesis?
- 2. Scientific Method** -Study Guide for Scientific Method
- 3. Blind men of Indostan Poem-** Background material and poem
- 4. Can You Spot the Scientific Method** - Critical thinking sheet
- 5. Performing an Experiment** – Worksheet
- 6. Observation / Inference** sheet
- 7. Fortune Teller Fish-** Testing an Hypothesis- Setting Up an Experiment
- 8. Quiz** – Observation/Inference
- 9. Qualitative Vs. Quantitative** - Constructing Observation from Inferences
- 10. Cookie Lab** – Using the Scientific Method
- 11. Exam for Unit**

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Science, National Academy Press, 1998,  
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